

## PATENT ABSTRACTS OF JAPAN

(11)Publication number : 2001-057897

(43)Date of publication of application : 06.03.2001

(51)Int.Cl.

C12P 13/08

C12Q 1/26

C12Q 1/28

G01N 33/72

(21)Application number : 11-235324

(71)Applicant : DAI ICHI PURE CHEM CO LTD

(22)Date of filing : 23.08.1999

(72)Inventor : SEKIGUCHI MASAHIRO  
USHIZAWA KOJI

## (54) PRODUCTION OF FRUCTOSYLVALINE

## (57)Abstract:

PROBLEM TO BE SOLVED: To provide both a method for producing fructosylvaline from a peptide or protein containing an N-end fructosylated valine and a method for determining fructosylvaline obtained by the method.

SOLUTION: This method for producing fructosylvaline comprises enzymatically treating a peptide or protein containing an N-end fructosylated valine with a serine carboxypeptidase (EC3.4.16.1). This method for determining fructosylvaline comprises treating fructosylvaline obtained by the method with a ketoamine oxidase and measuring formed hydrogen peroxide.

## LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]